



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 6180

<b>SERIAL NUMBER</b> 10/758,952	<b>FILING OR 371(c) DATE</b> 01/16/2004 <b>RULE</b>	<b>CLASS</b> 320	<b>GROUP ART UNIT</b> 2838	<b>ATTORNEY DOCKET NO.</b> MSEMI.084A
<b>APPLICANTS</b> Bruce R. Ferguson, Anaheim, CA;				
** CONTINUING DATA ***** This appln claims benefit of 60/441,715 01/21/2003				
** FOREIGN APPLICATIONS *****				
<b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED</b> ** 04/20/2004				
Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after met Allowance		<b>STATE OR COUNTRY</b> CA	<b>SHEETS DRAWING</b> 4	<b>TOTAL CLAIMS</b> 30
Verified and Acknowledged Examiner's Signature _____ Initials _____		<b>INDEPENDENT CLAIMS</b> 5		
<b>ADDRESS</b> 20995				
<b>TITLE</b> Battery charging and discharging by using a bi-directional transistor				
<b>FILING FEE RECEIVED</b> 1252	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	

3  
1/15/09